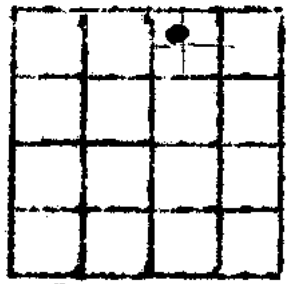
00319

County Jackson



sec. 16 T. 47 R. 29

Owner Lone Jack O+G Oil and Gas Co.

Elev. 1050 MGS#

Farm Haynes No. 1 TD 484 Shows — Spls. —

Status dry Date Completed — FmTD

Remarks

L0002

the Burgess sand but encountered salt water. However, this test was west of the crest and the anticline is high enough structurally and has sufficient closure to make other locations more favorable. This structure also appears to be an excellent place for testing the pre-Pennsylvanian section.

(2) The SE¼ SW¼ NE¼, Sec. 9, T. 47 N., R. 30 W., within the highest closed contour on the Adams Cemetery anticline. This area has seven wells producing from the Squirrel sand or higher but none have been used commercially. Any drilling in this area should be preceded by some detailed surface work, particularly in view of the Powell School fault, which breaks into it from the south.

The preceding recommendations cover those areas which may possibly become commercially productive. Other locations will probably become apparent to the reader on further study of the structure maps but they are small and are not worthy of recommendation for commercial development.

In addition to the above recommendations the writer believes that any part of the area northeast and east of the Kansas City-Blue Springs-Lone Jack syncline has definite possibilities and that detailed mapping of the entire region would be desirable. If this is not feasible the following specific locations should receive careful attention:

(1) The area in the vicinity of Haynes No. 1 (Map No. 1) NW¼ NW¼ NE¼, Sec. 16, T. 47 N., R. 29 W. Here the structure map indicates a portion of a dome which lies along the eastern county line. The above well has the highest elevation on the base of the Myrick Station limestone in Jackson County. This is to be expected from its location in the southeast corner of the county, yet it is fully 50 feet higher than it is in wells in the Lone Jack pool three and one-half miles to the southwest.

(2) The slightly elongated dome, the closing contour of which, lies in Sec. 30, T. 49 N., R. 29 W. This dome has several wells, all of which have been drilled for water, and consequently have not reached the producing horizons. From the sharpness of the northwest dip as well as the abnormal southeast dip and flat top this area seems worthy of mention. This area is in the outcrop belt of the Pleasanton shale and surface mapping is impractical. Hence it is recommended that some shallow core drilling to the Lexington coal horizon be carried